

04020VA

Industrial

2023/12/27

General Specifications

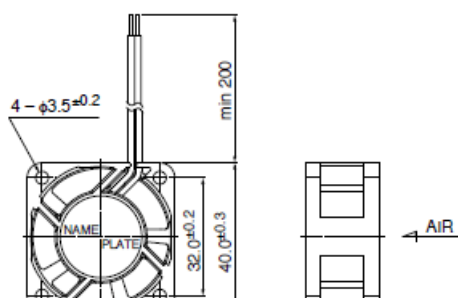


Motor Protection: Auto Restart / Polarity Protection
 Insulation Resistance: 10M ohm or over with a DC500V Megger
 Dielectric Withstand Voltage: AC700V 1s
 Allowable Ambient Temperature Range : -10deg.C - +70deg.C (Operating)
 -40deg.C - +70deg.C (Storage)
 non-condensing environment

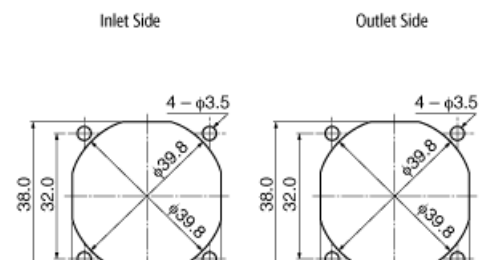
Expected Life

60deg.C 40,000 Hours *Failure Rate 10% (L10 Life)

Outline



Panel Out-cuts



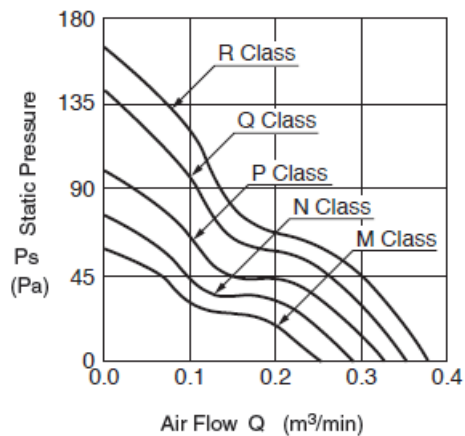
ミネベアミツミ株式会社

Copyright©MinebeaMitsumi Inc. All right reserved.

04020VA

Industrial

2023/12/27

**Characteristic Curves****Material**

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Black) UL94V-0

Bearing: Ball

Bearing Lead Wire: UL1007 AWG26 +: Red, -: Black

Potting

* Customize service for IP compatible type and Oil-proof type is available for this item.

Specifications

04020VA

Industrial

2023/12/27

Model	Product No	Nominal Voltage [V]	Operating Voltage lower limit [V]	Operating Voltage upper limit [V]	Current [A]	Input Power [W]
04020VA-12M-AA-00	00	12	7.0	13.2	0.09	1.02
04020VA-12N-AA-00	00	12	7.0	13.2	0.11	1.32
04020VA-12P-AA-00	00	12	7.0	13.2	0.13	1.56
04020VA-12Q-AA-00	00	12	10.8	13.2	0.21	2.52
04020VA-12R-AA-00	00	12	10.8	13.2	0.18	2.16
04020VA-24M-AA-00	00	24	14.0	26.4	0.05	1.20
04020VA-24N-AA-00	00	24	14.0	26.4	0.07	1.68
04020VA-24P-AA-00	00	24	14.0	26.4	0.10	2.40
04020VA-24Q-AA-00	00	24	14.0	26.4	0.11	2.64

Model	Speed [min ⁻¹]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
04020VA-12M-AA-00	7500	0.25	8.80	58.8	0.24	29.0	40.0
04020VA-12N-AA-00	8500	0.29	10.20	76.6	0.31	32.5	40.0
04020VA-12P-AA-00	9500	0.32	11.30	99.3	0.40	37.0	40.0
04020VA-12Q-AA-00	11000	0.35	12.40	142.0	0.57	42.0	40.0
04020VA-12R-AA-00	12000	0.38	13.40	165.0	0.66	46.0	40.0
04020VA-24M-AA-00	7500	0.25	8.80	58.8	0.24	29.0	40.0
04020VA-24N-AA-00	8500	0.29	10.20	76.6	0.31	32.5	40.0
04020VA-24P-AA-00	9500	0.32	11.30	99.3	0.40	37.0	40.0
04020VA-24Q-AA-00	11000	0.35	12.40	142.0	0.57	42.0	40.0

04020VA

Industrial

2023/12/27

Rotation: Clockwise as seen from the label side

Airflow Outlet: Label side

*1: Average Values in Free Air